

REGULAR MAINTENANCE INSPECTION — Every 12,500 Miles

All 1978 Models (With additional work at 37,500)



Customer: _____
 Address: _____
 City & State: _____
 Zip Code or Province: _____

Work Order No.: _____
 License No.: _____
 Mileage: _____
 Time Promised: _____

Maintenance Work to be Performed:

MB Maintenance Service with oil change and oil filter service.

Oil: Brand-Viscosity _____

Additional Maintenance Work to be Performed Every 37,500 Miles:

Radiator Coolant: _____ °F
 FILL/DRAIN/CHECK. Add rust inhibitor.

Drain and renew brake fluid. (once a year, preferably in Spring). Use only specified brake fluid.

M-E (Individual Maintenance Jobs Performed as Needed:

Section I. Lubrication Service
 Engine oil change with oil filter service.

Oil: Brand-Viscosity _____

Section II. Engine Testing;
 Engine maintenance.

Section III: Safety Inspection.

Special Maintenance Work Performed at Extra Cost:

Sliding Roof: Clean guide channels and lubricate lightly.

Lighting System: Check headlights and aim.

Battery: Clean housing and terminals; grease terminals lightly.

Car wash.

Wax and Polish.

Clean Engine and Engine Compartment: lubricate all control linkages.

Once a year renew brake fluid.

Every other year renew antifreeze.

Special Instructions from Customer:

Visual Inspection: Check For Leakage and General Condition.

Engine

Rear Axle

Front Axle

Undercarriage

Steering

Brakes

Tires

Body Condition

Transmission

Shock Absorbers

Exhaust System

Result: _____

Section I: Lubrication Service with Oil Filter Change

240D-300D-300CD
 230
 280E-280CE
 280 SE
 450-AII
 6.9

Oil Change

151 Engine oil with filter change.

240D-300D-300CD
 230
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041 Fuel hoses and pipes.

045 Clutch operating mechanism
 (240 D only).

086 Hydropneumatic springs.

038 Heating & cooling system.

(continued)

Section I: Lubrication Service with Oil Filter Change

240D-300D-300CD
230
280E-280CE
280 SE
450-All
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Check Fluid Level and Replenish

(Check for leakage).

- 120 Automatic transmission.
- 121 Manual transmission (240 D only).
- 139 Hydropneumatic system.
- 130 Rear axle.
- 134 Power steering.
- 465 Windshield washer system.
- 484 Air conditioning.
- 700 Brake system.
- 788 Stromberg carburetor.
- 821 Battery.
- 990 Radiator.
- 350 Door hinges.

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Body and Chassis Lubrication

- 393 Door locks and hinges.
- 395 Hood.
- 375 Outside rear view mirror.
- 415 Engine control linkages, control
- 813 shafts and cables (not required on control shafts with plastic bearings).

Use only the following factory-recommended hydraulic oils: BP Hydraulic 1; Castrol DB Hydraulic Fluid; Esso Univers J-43; Mobile Aero HFA; Shell Aero Fluid 4.

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Mechanical

- 753 Adjust valve clearances.
- 202 Clean Filter element; replace every 37,500 miles.
- 762 Clean flame arrester.
- 757 Check all drive belt tension and condition.
- 785 Exhaust manifold heater flap. Check for free movement and free up as required. (Engine M 115 only).
- 770 Replace spark plugs.
- 772 Check ignition timing and ignition change-over.

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- 787 Check start of delivery.
- 813 Throttle control linkage: check for ease of movement.
- 832 Analyze engine with oscilloscope.
- 797 Check and adjust engine idle speed control.
- 798 Carburetor and injection engines, check idle adjustment with C.O. tester. Check throttle lift (carburetor engines).
- 895 Check alternator fastening bolt for tightness.

Section III: Safety Check

240D-300D-300CD
230
280E-280CE
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450-AII
6.9

025 Steering system: check steering coupling for wear and clamping screws for tightness. Check for excessive wear in the system.

983 Wheels: remove and reinstall. Check wheel disc for condition. Check inner rim for dirt accumulation.

982 Tires: check tire tread wear and other tire damage.

987 Correct tire air pressure.

712 Check disc brakes (includes items 703, 707, 708, 709.) Measure brake disc thickness. Brake calipers: check for leaks and free movement of pistons (703). Brake pads: remove, clean, check, replace if required (707). Brake discs: check condition, clean cooling fins (708). Brake discs (solid): check condition, clean (709).

009 Parking brake: Check brake cable action.

706 Parking brake: re-adjust.

028 Maintenance free joints for front axle: check for sealing and condition of steering joint sealing collars.

029 Steering: check for sealing and condition of sealing collars and steering rods.

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Retightening of Nuts, Bolts, and Retaining Parts

924 Steering gear mounting screws (3).

988 Wheel bolts.

099 Check function of:

Headlight, rear lights and stop light.

Directional signals: Hazard warning lights.

Windshield wiper, windshield washer.

Heating and ventilation.

098 Road test of dynamometer

Clutch.

Manual transmission.

Automatic transmission.

Air conditioner.

097 Brake test on test stand/road.

020 Check boots and seals on hydropneumatic springs.

▼ Tire tread depth and brake performance

Front—Left		Front—Right	
IN.	KP	IN.	KP
Rear—Left		Rear—Right	
IN.	KP	IN.	KP

Maintenance

Additional Maintenance Work to be Performed Every 37,500 Miles

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Oil Change

170 Automatic transmission oil change.

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Filter Replacement or Cleaning

174 Automatic transmission: replace filter element.

844 Fuel pre-filter: check

813 Check throttle control linkage.

202 Air filter element: replace.

847 Fuel filter: replace filter

845 Fuel main filter: Replace filter ele-

Lubrication

388 Front wheel grease caps: clean and refill with new grease.

631 Repack front wheel bearings; check roller bearings.

ment and filter housing.

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Maintenance: Additional Maintenance Work to be Performed Every 37,500 Miles:

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Tightening of Nuts and Bolts

871 Intake and exhaust manifold nuts and exhaust flange bolts.
 Exhaust pipe flange only.
 876 Carburetor mounting flange screws.

Checking

501 Check clutch lining thickness (manual transmission only). (240 D only).
 625 Check front wheel toe-in.
 030 Check propeller shaft joint discs for wear or damage.
 628 Check pressure reservoirs of hydropneumatic springs.
 767 Replace catalyst, Engine M110 at 37,500 miles (California version only) and sometime after 50,000 miles, if required.

Date _____

Service Manager (Signature) _____